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Stefaan De Winter* (sgdewint@mtu.edu), Michigan Technological University, 1400 Townsend Drive, Fisher Hall, Houghton, MI 49931, and **Zeying Wang**. *Local multiplier results for Paley type partial difference sets*. Preliminary report.

Let \mathcal{D} be a (v, k, λ, μ) -partial difference set in an Abelian group. Assume its parameters $\Delta = (\lambda - \mu)^2 + 4(k - \mu)$ is a perfect square. Recently a local version of a multiplier theorem for such partial difference sets has proven to be very useful in proving both non-existence and classification results. In this talk I will discuss a version in case the parameter Δ is not a perfect square. (Received August 11, 2016)